Team True Fire
SUNCOAST SCIENCE CENTER

Over the past year, TeamTrueFire Rocketry Club has made some worthwhile progress. We've achieved three Level 1 certifications and one Level 2 certification. We've launched four different rockets with a total of six flights, each reaching altitudes of at least 3,000 feet. Additionally, we extensively tested three distinct variations of our homemade propellant formula. From these tests and findings, we are more confident than ever on implementing our propellant into one of our next big launches. We've done our best at expanding our social media presence gaining nearly 100,000 views on Instagram while improving and updating the website as we accomplish new things worth noting. We have also participated in a few community outreach events. Setting up a tent, showing some diagrams, and displaying our our 13ft ICARUS Level 2 rocket to rake in the attention and bringing team members along with hopes of inspiring the next generation to find a new hobby.

For the upcoming school year, TeamTrueFire Rocketry Club has several ambitious plans. We aim to achieve a Level 3 Tripoli certification, the highest in amateur rocketry, which will give us access to advanced support and larger, more powerful "Class 3" rocket motors. Our main project, Astra, is designed to be the first rocket to use our in-house developed propellant. Astra aims to reach the highest legal altitude of 10,000 feet while breaking the sound barrier on the way there. We also have plans to compete in The American Rocketry Challenge (TARC), a major national event with over 1,000 teams. TARC demands significant technical achievement but we're excited to showcase our skills and aim high.

CLICK HERE to watch the ICARUS launch.